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(54) Radial tyre with a carcass containing steel cord

(57)The present invention relates to a radial tyre, to the carcass of which steel cord (1) is applied, for a passenger car and light truck, in which the steel cord (1) is formed by drawing carbon steel wherein the content of carbon is 0.70~0.96 weight% and plating brass on the surface of a filament (1a). Each filament (1a) prior to stranding into steel cord (1) is such that, in the case of a filament (1a) having a diameter of below 0.25mm the tensile strength level thereof is in the range of 260~375kgf/mm², in the case of a filament (1a) having a diameter of 0.26~0.35mm the tensile strength level is in the range of 250~355kgf/mm², in the case of a filament (1a) having a diameter of 0.36~0.45mm the tensile strength level is in the range of 250~335kgf/mm². The filaments (1a) are stranded tightly and have relatively a small twist pitch to said filament diameter ratio so that the spaces between filaments (1a) are controlled to be relatively small.

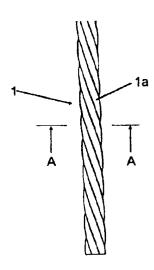


Fig. 1



EUROPEAN SEARCH REPORT

Application Number EP 99 30 6717

		dication, where appropriate,	Relevant	CLASSIFICATION OF THE		
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ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

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